



location certificate request calculate location

[Advanced Scholar Search](#)**Method for providing location certificates**

AM Fischer - US Patent 5,659,617, 1997 - Google Patents

... a response message including the sensor's received challenge value, the beacon's 45 **location**, its **location certificate** and a ... beacon and the distance, **calculating** the **location** of the sensor and thereby the **location** of the object, and transmitting in response to a **request** from a ...

[Cited by 29 - Related articles - All 4 versions](#)**Cellular telephone location system**

LA Stilp, CA Knight... - US Patent 5,327,144, 1994 - Google Patents

... Y SET SPEED TO ZERO SET DIRECTION TO ZERO (NORTH) GIVEN SPEED, DIRECTION **CALCULATE** THEORETICAL VALUES OF FREQUENCIES ... tage for the system to be able to automatically locate the telephone and, upon **request**, inform the user of his 65 **location** ...

[Cited by 274 - Related articles - All 5 versions](#)[\[PDF\] Flexible positioning for location-based services](#)

J Roth - coordinates, 1929 - Citeseer

... It depends on the **location**-based service or application to find an appropriate server ... Certification authorities cannot directly proof requests of **location** servers as issues regarding the contents ...

[A certificate request is first passed to the master, which performs the following checks ...](#)[Cited by 20 - Related articles - All 23 versions](#)[\[PDF\] from psu.edu](#)**Protecting access to people location information**

U Hengartner... - Security in Pervasive Computing, 2004 - Springer

... in a **certificate**, it takes about 0.6 sec on a Pentium III/500 to add this **certificate** to the **certificate** chain for Alice and to verify the entire chain upon a **request** ... They are based on only one **location** technology, are implemented only within one administrative entity, and/or do not ...

[Cited by 84 - Related articles - All Direct - All 17 versions](#)[\[PDF\] from psu.edu](#)**Magnetic location system with feedback adjustment of magnetic field generator**

DE Acker - US Patent 5,729,129, 1998 - Google Patents

... the position of the catheter tip is displayed in true used to inhibit further increases if the field at the nominally **location** and orientation ... 5,729,129 11 12 or else may attempt to **calculate** position and orientation preselected range, and the signal from the prime direction based on out ...

[Cited by 129 - Related articles - All 2 versions](#)[Splendor: A secure, private, and location-aware service discovery protocol supporting mobile services](#)[\[PDF\] from psu.edu](#)

F Zhu, M Muika... - ... PerCom 2003. Proceedings of the First ... , 2003 - ieeexplore.ieee.org

... Fourth, integrating **location** awareness has overhead for mobile clients and services, but reading **location** tag information ... This result gives us a good estimate of **certificate** status checking for such a large ... the critical path of M911 -- from the time that a patient has a **request** to the ...

[Cited by 89 - Related articles - All 15 versions](#)**System and method for providing chronicled location information for terminal-based position calculation**

T Havinis... - US Patent 6,295,454, 2001 - Google Patents

... the positioning **request** 285, the LA 280 can also include within the positioning **request** 285, a ... 288, which indicates how often the MS 20 should report the chronicled **location** :5 information ... If the SMLC 270 determines that the MS 20 should **calculate** it's own **location**, the SMLC ...

[Cited by 25 - Related articles - All 2 versions](#)**System, method and article of manufacture for a gateway payment architecture utilizing a multichannel, extensible, flexible architecture**

T Nguyen, DR Haller... - US Patent 6,072,879, 2000 - Google Patents

... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless' Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537. AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

[Cited by 155 - Related articles - All 4 versions](#)**System, method and article of manufacture for initiation of software distribution from a point of certificate creation utilizing an extensible, flexible architecture**

H Williams - US Patent 6,119,195, 2000 - Google Patents

... METHOD AND ARTICLE OF MANUFACTURE FOR INITIATION OF SOFTWARE DISTRIBUTION FROM A POINT OF **CERTIFICATE** CREATION UTILIZING ... 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online ...

[Cited by 29 - Related articles - All 4 versions](#)

System, method and article of manufacture for virtual point of sale processing utilizing an extensible, flexible architecture

DA Berger, JC Weber... - US Patent 5,850,446, 1998 - Google Patents  
 ... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537.  
 AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

Cited by 125 - Related articles - All 5 versions

System, method and article of manufacture for verifying the operation of a remote transaction clearance system utilizing a multichannel, extensible, flexible architecture

JC Weber - US Patent 5,812,668, 1998 - Google Patents  
 ... INTERNET SPACE <MID, TID, XIO> MID MERCHANT ID TID TERMINAL ID XID SET  
 TRANSACTION ID RRPID **REQUEST-RESPONSE PAIR** ... 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer ...

Cited by 107 - Related articles - All 2 versions

System, method and article of manufacture for remote virtual point of sale processing utilizing a multichannel, extensible, flexible architecture

JC Weber - US Patent 5,863,863, 1999 - Google Patents  
 ... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537.  
 AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

Cited by 125 - Related articles - All 2 versions

Mobile telephone location system and method

EA Sheffer... - US Patent 5,844,522, 1998 - Google Patents  
 ... reverse voice channel information collected is used to track the **location** of a ... 1, 1998 Sheet 8  
 of 13 A **REQUEST SENT FOR SELECTED CELL SITES TO ... DIFFERENT TRIPLETS DO A MAJORITY^ NO OF THE TRIPLETS POSITIONS AGREE CALCULATE POSITION B FROM ...**

Cited by 92 - Related articles - All 4 versions

Multiple input data management for wireless location-based applications

J Fitch, DL Hose... - US Patent 6,321,092, 2001 - Google Patents  
 ... of any particular **location** finding technology) and responding to the **location request** based on ... can also be used to interpolate wireless station **location** between **location** determinations, or ... readily analyzed to yield derivative information regarding wireless station position as well ...  
 Cited by 70 - Related articles - All 4 versions

System, method and article of manufacture for transmitting messages within messages utilizing an extensible, flexible architecture

KTB Rowney - US Patent 6,373,950, 2002 - Google Patents  
 ... perform settlement/ reconciliation, to notify the acquirer-controlled computer of a logon or logoff operation, or to **request** the acquirer ... 5-6. Amusement Business, More 'Digital Homeless' Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb ...  
 Cited by 38 - Related articles - All 2 versions

Settlement of aggregated electronic transactions over a network

GA Kramer... - US Patent 6,324,525, 2001 - Google Patents  
 ... J ( CERTIFICATED INSTALLATION ^ HELPER 144 J f ADDRESS ^ REQUISITION HELPER ... DONE / - 230 CLIENT **CERTIFICATE** / - 240 NO-CLIENT-CERTIFICATE ALERT ^ 245 ... 2 130 310 REQUEST AUTHORIZATION 320 PROCESS RESPONSE PAYMENT AUTHORIZATION ...  
 Cited by 103 - Related articles - All 2 versions

System, method and article of manufacture for a gateway system architecture with system administration information accessible from a browser

T Nguyen, MP Subramanian... - US Patent 5,931,917, 1999 - Google Patents  
 ... 142 J \|^M^r ( ADDRESS ^ REQUISITION [ HELPER 146J WALLET MANAGER PAYMENT ... HELLO DONE /- 230 CLIENT **CERTIFICATE** ^ 240 ^ NO-CLIENT-CERTIFICATE ALERT s ... COMMUNICATION^ 270 w . 2 MERCHANT 130 130 310 **REQUEST AUTHORIZATION** 320 ...  
 Cited by 148 - Related articles - All 5 versions

System, method and article of manufacture for processing a plurality of transactions from a single initiation point on a multichannel, extensible, flexible architecture

DA Berger, JC Weber... - US Patent 5,943,424, 1999 - Google Patents  
 ... The initiating computer selects a terminal identification token, and associates the token with a transaction **request**, thereby ensuring ... 5-6. Amusement Business, More 'Digital Homeless' Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service ...  
 Cited by 70 - Related articles - All 4 versions

System, method and article of manufacture for multiple-entry point virtual point of sale architecture

JC Weber, DA Berger... - US Patent 6,178,409, 2001 - Google Patents  
 ... 220 \* SERVER KEY EXCHANGE /- 225 \* SERVER HELLO DONE /- 230 CLIENT **CERTIFICATE** /- 240 ^ 130 NO-CLIENT-CERTIFICATE ALERT/- 245 ... 5-6. Amusement Business, More 'Digital

Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online ...

Cited by 73 - Related articles - All 4 versions

#### Vehicle location method and system

JH Tanner - US Patent 5,450,329, 1995 - Google Patents

... Examiner—Tan Nguyen Attorney, Agent, or Firm—Seed and Berry [57] ABSTRACT A vehicle **location** system and ... 12, 1995 Sheet 2 of 7 Chart into Grid Segments Map Grid Segment Receive Position and Timing from GPS Select Reference Waypo in f **Calculate** Relaf ive ...

Cited by 139 - Related articles - All 3 versions

#### System, method and article of manufacture for conditionally accepting a payment method utilizing an extensible, flexible architecture

KTB Rowney - US Patent 5,987,132, 1999 - Google Patents

... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless' Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537.

AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

Cited by 67 - Related articles - All 4 versions

#### Method and apparatus for qualifying access to communication system services based on subscriber unit location

KL Sowles, D Terris... - US Patent 5,561,836, 1996 - Google Patents

... 1,1996 Sheet 5 of 8 HOME GATEWAY SERVICE **REQUEST** HANDLER **CALCULATE** SUBSCRIBER UNIT **LOCATION** 114 116 ... 11 shows a flow chart of a serving gateway service **request** handler ... system 10, and particularly the subscriber unit's home SIM 28, of its **location** so ...

Cited by 28 - Related articles - All 2 versions

#### Location beaconing methods and systems

SS Evaris, G Perupudi, BJ Holmgren... - US Patent ..., 2001 - Google Patents

... That is, often 15 times, individuals will find themselves in a computing environment that carries with it a certain context. ... As an example, consider the context of **location** ... that are blocked by some type of a physical barrier (ie a river, mountain, etc.) that makes the distance, as the ...

Cited by 51 - Related articles - All 2 versions

#### Influence of satellite geometry and differential correction on GPS location accuracy

C Dussault, R Courtois, JP Ouellet... - Wildlife Society Bulletin, 2001 - JSTOR

... best computation method for positions collected by GPS telemetry collars in hilly terrain, we used a stationary GPS collar that attempted to **calculate** a position every 10 minutes for 5 days, and we evaluated the relationship between horizontal and vertical **location** accuracy and ...

Cited by 63 - Related articles - All 2 versions

#### System, method and article of manufacture for managing transactions in a high availability system

DR Hallier, T Nguyen, KTB Rowney... - US Patent ..., 2002 - Google Patents

... 142 ADDRESS REQUISITION HELPER 146 WALLET MANAGER 150 PAYMENT MANAGER YMENT ... DONE / - 230 CLIENT **CERTIFICATE** / - 240 NO-CLIENT-**CERTIFICATE** ALERT/ - 245 ... 2 MERCHANT 130 130 310 **REQUEST** AUTHORIZATION 320 PROCESS RESPONSE ...

Cited by 136 - Related articles - All 4 versions

#### Method and apparatus for global positioning system based cooperative location system

JJ Bergman, SW Kennett, JD Roths... - US Patent 6,043,777, 2000 - Google Patents

... intended range of the device will be unable to properly reconstruct the true **location** of the ... When the same set of satellites is used to **calculate** provides for a 50 frequency ... 55 position information at the beacon and locator, any induced The processor includes a synthesizer control ...

Cited by 14 - Related articles - All 4 versions

#### [PDF] Secure, private proofs of location

B Waters... - ... Science, Princeton University, Tech. Rep. TR-..., 2003 - cs.princeton.edu

... A LocationManager's **certificate** chain is validated by following the signature path from theLocationManager up ... We offered an alternative protocol for **location** proving that trades off some security for ease of ... 3] D.Eastlake.Domain name system security extensions. **Request** for C ...

Cited by 46 - Related articles - View as HTML

[PDF] from princeton.edu

#### Mobile facility location (extended abstract)

S Bespamyatnikh, B Bhattacharya... - Proceedings of the ..., 2000 - portal.acm.org

... LEMMA 4. Starting with the arbitrary **location** of facility inside of the convex hull of S there is a flight ... At the preprocessing step we compute the convex hull and triangulation T of S. We find a triangle A in ... proves the fact that f is to the left of an edge of A. When a **certificate** fails, the ...

Cited by 21 - Related articles - All 3 versions

#### Resistive fault location method and device for use on electrical cables

DE Vokey, KN Sontag, JC Chamberlain... - US Patent ..., 1990 - Google Patents

... 7,1990 sheet 7 of 7 4,947,469 PASSIVE TEST RETRY, **REQUEST** PASSIVE TEST RETRY ... 1 2 (f) computing the distance between the resistive fault RESISTIVE FAULT **LOCATION** METHOD AND ... 25 volta8e and current at both ends of the faulted conduc- **calculate** the distance ...

Cited by 13 - Related articles - All 3 versions

Method and apparatus for adjusting a communication strategy in a radio communication system using location

BA Murray... - US Patent 5,831,545, 1998 - Google Patents

... COORDINATES OR NEW STRATEGY RECEIVED 9 COORDINATES 308 **CALCULATE**

**LOCATION** OF TRANSCEIVER ... the error- producing environment experienced by the transceiver in its current **location**. ... 45 to a portable transceiver upon receiving such a **request** from the ...

Cited by 30 - Related articles - All 2 versions

System, method and article of manufacture for handling transaction results in a gateway payment architecture utilizing a multichannel, extensible, flexible architecture

DR Haller... - US Patent 5,983,208, 1999 - Google Patents

... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace;

Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537.

AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

Cited by 101 - Related articles - All 2 versions

System, method and article of manufacture for a modular gateway server architecture

GA Kramer - US Patent 6,002,767, 1999 - Google Patents

Page 1. United States Patent Kramer US006002767A [ii] Patent Number: [45] Date of

Patent: 6,002,767 Dec. 14,1999 [54] SYSTEM, METHOD AND ARTICLE OF

MANUFACTURE FOR A MODULAR GATEWAY SERVER ARCHITECTURE ...

Cited by 89 - Related articles - All 2 versions

Method for determining the location of echo in an echo canceller

A Vahatalo... - US Patent 5,737,410, 1998 - Google Patents

... The echo **location** is determined by **calculating** the echo path **location** at which there is a high correlation between the signal outgoing to the echo path and the returned echo. The correlation is calcu- lated in a sliding window having the length of the digital filter. ...

Cited by 21 - Related articles - All 2 versions

Location-Independent Information Object Security

J Lowry - snrss, 1995 - computer.org

... (ARPA/IOS- 1994/03 Quarterlv Technical Rewrt: **Location** Indeoendent Information

Obiect Security) ... Any CRL must be the CRL issued after the time specified in the

**request** to establish whether a **Certificate** was revoked. ...

Cited by 8 - Related articles - All 8 versions

[PDF] from bbn.com

System, method and article of manufacture for a payment gateway system architecture for processing encrypted payment transactions utilizing a multichannel, ....

T Nguyen, DR Haller... - US Patent 5,978,849, 1999 - Google Patents

... 142 J ^" \* \* \* jp ADDRESS REQUISITION HELPER 146 WALLET MANAGER ALLET ... DONE / - 230

CLIENT CERTIFICATE / - 240 NO-CLIENT-CERTIFICATE ALERT/- 245 ... 2 130 310 **REQUEST**

AUTHORIZATION 320 PROCESS RESPONSE PAYMENT AUTHORIZATION ...

Cited by 138 - Related articles - All 2 versions

Stolen object location system

EC Rackley - US Patent 4,742,357, 1988 - Google Patents

... stations hav- 40 able frequency transmitter to the frequency identified ing proximity detection receivers and/or direction find- by the ... 3 is a block diagram of the **location** system in the distance-direction **location** mode; 10 FIG. ... 15 is a flow diagram of the **location request** routine. ...

Cited by 161 - Related articles - All 3 versions

Virtual point of sale processing using gateway-initiated messages

GA Kramer... - US Patent 6,163,772, 2000 - Google Patents

... 142 I ^^ ^ ADDRESS REQUISITION HELPER 146 WALLET MANAGER 150 PAYMENT ... 225

230 CLIENT CERTIFICATE /- 240 NO-CLIENT-CERTIFICATE ALERT^ 245 ... 2 130 310 **REQUEST**

AUTHORIZATION 320 PROCESS RESPONSE PAYMENT AUTHORIZATION ...

Cited by 89 - Related articles - All 3 versions

Computer-printer terminal for producing composite greeting and gift certificate card

D Spector - US Patent 5,870,718, 1999 - Google Patents

... commu- nicator is also identified by the destination identifier go included with the **request** message ...

13, this data being derived from greeting card software 15 and gift **certificate** software 16 ... A storage

address register holds the address of the storage **location** to be activated, either ...

Cited by 108 - Related articles - All 2 versions

System, method and article of manufacture for secure digital certification of electronic commerce

KTB Rowney... - US Patent 5,998,076, 1999 - Google Patents

... j V fCERTIFICATE^ INSTALLATION L HELPER 148 J r ADDRESS ^ REQUISITION ^ HELPER ...

DONE ^ 230 CLIENT CERTIFICATE ^ 240 NO-CLIENT-CERTIFICATE ALERT /- 245 ... SECURE

COMMUNICATION /- 270 MERCHANT 130 130 310 **REQUEST** AUTHORIZATION 320 ...

Cited by 164 - Related articles - All 4 versions

System, method and article of manufacture for exchanging software and configuration data over a multichannel, extensible, flexible architecture

JC Weber, KTB Rowney... - US Patent 6,253,027, 2001 - Google Patents

... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless' Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537. AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, pp. 259-261. ...

Cited by 70 - Related articles - All 2 versions

Performance and scalability of a replica location service

[PDF] from psu.edu

AL Chervenak, N Patavalli, S Bharathi... - 2004 - computer.org

... on either the Distinguished Name (DN) in the user's X.509 **certificate** or based ... evaluates the performance of individual Local Replica Catalogs (LRCs) and Replica **Location** Indexes (RLIs) ... operations by aggregating multiple requests in a single packet to reduce **request** overhead ...

Cited by 180 - Related articles - All 34 versions

Method for determining the position of a mobile station

H Koopatty, PN Lundquist... - US Patent 6,289,211, 2001 - Google Patents

... The procedure for using time of arrival to **calculate** the **location** of the ... as a function of the time it takes mobile station 16 to transmit at the highest power level the signal to travel from the mobile station 16 to the base followed by a series of serial number **request** messages. ...

Cited by 13 - Related articles - All 2 versions

System, method and article of manufacture for location-based filtering for shopping agent in the physical world

AE Fano - US Patent 6,317,718, 2001 - Google Patents

... 13,2001 (54) SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOCATION-BASED FILTERING FOR SHOPPING AGENT IN THE PHYSICAL WORLD (75) Inventor: Andrew Ernest Fano, Evanston, IL (US) (73) Assignee: Accenture Properties (2) BV, Gravenhage (XH) ...

Cited by 130 - Related articles - All 2 versions

Location determination method and apparatus for a communication unit

DR Tayloe - US Patent 5,592,175, 1997 - Google Patents

... CU 234 INFORM MISSING CU TO CONTACT **LOCATION** DETERMINATION UNIT 236 MISSING CU LOCATED IN OPTIMAL COMMUNICATION CELL CONTACT **LOCATION** DETERMINATION UNIT CONTACT SECOND CU 240 242 **CALCULATE** POSITION OF MISSING CU ...

Cited by 8 - Related articles - All 2 versions

Low bit-rate speech coding with decision of a **location** of each exciting pulse of a train concurrently with optimum amplitudes of pulses

S Ono - US Patent 4,669,120, 1987 - Google Patents

... FIG. 1. pulse in Equations (7). In other words, the **location** mk in FIG. 3 ... one time. Respon- pulse response **calculator** 28 for use in **calculating** a sive to the address signal, the input memory 41 pro- Page 11. 4,669,120 9 ...

Cited by 25 - Related articles - All 3 versions

Active names: Flexible **location** and transport of wide-area resources

[PDF] from psu.edu

A Vahdat, M Dahlin, T Anderson... - ... and Exposition, 2002. ..., 2002 - ieeexplore.ieee.org

... for mobile computation [3, 7]. We have implemented a prototype of such a **certificate**- based capability ... Thus, the **location**-independent programs that comprise Active Names allow for flexible evaluation of function ... This **request** is made under a number of different circumstances. ...

Cited by 130 - Related articles - All 43 versions

System and method of locating a mobile terminal within the service area of a cellular telecommunication system

D Dufour - US Patent 5,613,205, 1997 - Google Patents

... geographical intersection techniques such as triangulation, arculation, probability density functions, and the like are then used to **calculate** the **location** of the ... The process may be initiated either by the mobile subscriber requesting the locator service, or at the **request** of other ...

Cited by 81 - Related articles - All 5 versions

[PDF] SIP-based multimedia services provision in ad hoc networks

[PDF] from psu.edu

Y Rehabi, D Sisalem, U Depirianto... - MAGNET Workshop on My..., 2004 - Citeseer

... An SPS can consult a local **location** service database when forwarding an incoming message ... for requesting a **certificate**, replying a **certificate request**, requesting a partial key, replying a partial key **request**, sending an ID list, sending an adder list and advertising a **certificate** ...

Cited by 2 - Related articles - View as HTML - All 8 versions

System and method for controlling access to subject data using **location** data associated with the subject data and a requesting device

K Shimada - US Patent 5,922,073, 1999 - Google Patents

... 13 f STARTJ DATA ACCESS **REQUEST** ANY ATTRIBUTE REGARDING ACCESS LIMITATION? **REQUEST** PASSWORD INPUT S5 DETECT **LOCATION** BY GPS S7 MESSAGE FOR DATA ACCESS NOT PERMITTED DATA ACCESS PERMITTED END END J Page 13. ...

Cited by 57 - Related articles - All 2 versions

### Enhancing applications with approved location stamps

A Zugenmaier, M Kreutzer... - ... Network Workshop, 2001 ..., 2002 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
 ... the mapping between a subscriber identity and the corresponding public key with an identity **certificate**. ... 2. **Request** for a **location** stamp by the mobile station ... key enables the visited network (VPLMN) to find the corresponding service logic implementation (**Location** Stamp Service ...

Cited by 16 - Related articles - All 2 versions

### Fault location using digital relay data

D Novosel, DG Hart, E Udren... - ... Applications in Power, ..., 2002 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
 ... and most accurate techniques that are easily implemented in existing digital devices for **calculating location** from one ... "Unsynchronized Two-Terminal Fault **Location** Estimation" (95 ... holds the MSEE degree from the New Jersey Institute of Technology and the **Certificate** of Post ...

Cited by 16 - Related articles - All 2 versions

### [PDF] Project JXTA 2.0 super-peer virtual network

[\[PDF\]](#) from [psu.edu](http://psu.edu)

B Traversat, A Arora, M Abdellaziz... - Sun Microsystems White ..., 2003 - Citeseer  
 ... continuing the walk up to the final hop count, a continue walk **request** may be ... of virtual in and out mailboxes that are not physically bound to a specific peer **location**. ... **Certificate** authority-based trust models that provide public key infrastructures to secure Web-based transactions ...

Cited by 176 - Related articles - [View as HTML](#) - All 19 versions

### Method and apparatus for mobile station geographical location determination

SR Bodin - US Patent 6,122,512, 2000 - Google Patents  
 ... 19,2000 [54] METHOD AND APPARATUS FOR MOBILE STATION GEOGRAPHICAL **LOCATION** DETERMINATION [75] Inventor: Stig Roland Bodin, Spanga, Sweden [73] Assignee: Telefonaktiebolaget LM Ericsson (publ), Stockholm, Sweden ... **Calculate** MS position with aid ...

Cited by 19 - Related articles - All 2 versions

### Method and apparatus for covariance matrix estimation in a weighted least-squares location solution

MA Binchler, DA Jones... - US Patent 5,884,215, 1999 - Google Patents  
 ... Assuming that multiple receptions of known data symbols are averaged together when **calculating** each channel quality metric, the number of receptions of known data symbols used, N,-, is also ... At step 402, in response to a **request** to determine a **location** estimate for ...

Cited by 12 - Related articles - All 5 versions

### Preserving integrity in remote file location and retrieval

[\[PDF\]](#) from [psu.edu](http://psu.edu)

T Jaeger... - smdss, 1996 - computer.org  
 ... For example, to locate a file, a client makes an **RPC request** that includes a file identifier to a **location** server. ... Attackers can be prevented from publishing false files if the **location** server also requires a publisher to present a **certificate** for the file upon ...

Cited by 4 - Related articles - All 29 versions

### [CITATION] A Self-served Mobile Location Query Service

KC Wu, LF Sun... - IN 2001: IEEE Intelligent Network 2001 ..., 2001 - IEEE

Cited by 2 - Related articles

### Detecting field distortion in underground line location

RN Bigelow - US Patent 6,615,953, 2004 - Google Patents  
 ... algorithm 300 for 2J determining whether the electromagnetic field in a **location** area as ... method of claim 11, wherein said mathematical analysis consists of **calculating** a set ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO. ...

Cited by 2 - Related articles - All 2 versions

### Scalable and secure resource location

[\[PDF\]](#) from [psu.edu](http://psu.edu)

R Van Renesse - System Sciences, 2000. Proceedings of the ..., 2002 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)  
 ... but the granularity of information about resources degrades, exponentially, with distance in the ... detailed information starting from an internal node, eventually learning the exact **location** of resources. ... Nevertheless, we find that this weak form of consistency is sufficient for many ...

Cited by 63 - Related articles - All 12 versions

### VEHICLE LOCATION MONITORING SYSTEM

US Patent 3,789,198, 1974 - Google Patents

... An multiplexer 24 which provides an output pulse train on output pulse is provided by counter 36 on a line 36A line 25 embodying distance, heading and "ten" code for every predetermined number of clock pulses on ... To **calculate** vehicle **location** and demultiplexed data ...

Cited by 28 - Related articles - All 3 versions

### Multi-location television conference system

K Nakatsuka - US Patent 5,323,445, 1994 - Google Patents

... 21, 1994 [54] MULTI-LOCATION TELEVISION CONFERENCE SYSTEM [75] Inventor: Kunio Nakatsuka, Amagasaki, Japan [73] Assignee: Mitsubishi Denki Kabushiki Kaisha, Tokyo, Japan

[21] Appl. No.: 846,146 [22] Filed: Mar. 5, 1992 [30] Foreign Application Priority Data Mar. ...

Cited by 41 - Related articles - All 2 versions

### Scalable PKI model based on **location** information

Y Wang, ... - ... and Mobile Computing, 2003. ICCNMC 2003, ... , 2003 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... Integrating CA's **location** information into entity's public key will not leak out the entity's secret/personal information. This is different from identity-based key generation. Further more, **location** information can help CCA to find the **certificate** path quicker. ...

Cited by 2 - Related articles - All 3 versions

### Phase change detection method of and apparatus for current-tracing the **location** of faults on printed circuit boards and similar systems

M. Fichtenbaum - US Patent 4,186,338, 1980 - Google Patents

... It has also been successfully used to find the **location** of short circuits within a cable, and ... crosses to opposite sides of said one 3. Apparatus for current-tracing the **location** of a ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO ...

Cited by 80 - Related articles - All 2 versions

### Fault information notification system localized at each network server

J Nakamura - US Patent 5,709,775, 1998 - Google Patents

... SERVICE PROCESSING SECTION RECEIVE FAULT INFORMATION FROM SERVICE PROCESSING SECTION **CALCULATE** POSITION (SEQUENCE NO ... 7 MANAGER UNIT START SERVER UNIT MANAGER PERFORMS FAULT NOTIFICATION **REQUEST**, 201 RECEIVE ...

Cited by 72 - Related articles - All 2 versions

### Geographic-based communication service system with more precise determination of a user's known geographic **location**

B B Stewart, ... - US Patent 6,414,635, 2002 - Google Patents

... These time stamps may be used to **calculate** signal travel time, thereby allowing a determination of the distance ... TO LOCATE NEARBY SERVICE PROVIDER FOR A DESIRED SERVICE TO AP 1110 AP TRANSFERS **REQUEST TO A LOCATION** SERVICE PROVIDER ...

Cited by 81 - Related articles - All 2 versions

### Voice interactive web-based agent system responsive to a user **location** for prioritizing and formatting information

C Burkey, S Lopatin, ... - US Patent 6,446,076, 2002 - Google Patents

... 3,2002 (54) VOICE INTERACTIVE WEB-BASED AGENT SYSTEM RESPONSIVE TO A USER **LOCATION** FOR PRIORITIZING AND FORMATTING INFORMATION ... Each unique profile can then be associated with a unique address, as well as being given restriction exclusive to ...

Cited by 84 - Related articles - All 2 versions

### Error **location** system

LJ Weng - US Patent 5,001,715, 1991 - Google Patents

... of equation (1) by one, to  $(v-1)$ , and also to reducing the number of error **location** formulas by one to  $(v-1)$ . Thus substitution in the error **location** formulas of further values of  $x$  to find the next root requires one fewer addition operation and one fewer multiplication operation. ...

Cited by 11 - Related articles - All 3 versions

### Method and apparatus for determining **location** of a subscriber device in a wireless cellular communications system

C Grell, J Guralnick, IJ Rothmueller, ... - US Patent ..., 1998 - Google Patents

... A subscriber device receives synchronization signals and, when necessary, cell site **location** data from at ... The subscriber device therefore cannot directly **calculate** the time interval between transmission of the ... and its receipt, which would be a direct measure of distance from the ...

Cited by 38 - Related articles - All 2 versions

### System, method and article of manufacture for network electronic authorization utilizing an authorization instrument

H Williams, K Hughes, ... - US Patent 5,815,857, 1998 - Google Patents

... 8, 1996, pp. 5-6. Amusement Business, More 'Digital Homeless'Find Place in Cyberspace; Professionals Not Subscribing To An Online Computer Service, Feb. 12, 1996, pp. 536-537. AP Online, Cable TV's Sci-Fi Channel, Jun. 9, 1995, p. 259-261. ...

Cited by 217 - Related articles - All 4 versions

### System for and method of determining the **location** of an object in a medium

MA Redfern, ... - US Patent 6,002,357, 1999 - Google Patents

... invention is thus to provide a simple system for and a method of determining the position of an ... radiation to propagate from the or each transmission **location** to the or each reception **location** by reflection from said object; and calculation means to **calculate** the depth of ...

Cited by 26 - Related articles - All 4 versions

### Location Stamps for Digital Signatures: A New Service for Mobile Telephone Networks

M Kabatnik, ... - Networking - ICN 2001, 2001 - Springer

... A **location** service client may **request** the **location** of a subscriber that is identified by its IMSI ... This enables the network operator of the sub- scriber to issue a **certificate** that states the ... The MSC of this network can contact the **location** measurement units which can in turn locate the ...

Cited by 4 - Related articles - All 6 versions

#### Authentication and payment protocol preserving location privacy in mobile IP

[PDF] from kaist.ac.kr

SG Choi... - Global Telecommunications Conference, ..., 2004 - ieeexplore.ieee.org  
... TC Operation : - TC checks the timestamp in payment order and verifires the **certificate** and signature ... A HA can create valid payment order, because the payment **request** from a MN is ... TCME{FAaccnb}) from the found TCME{FAaccnb}, and can know approximate **location** of MNs ...

Cited by 10 - Related articles - All 6 versions

#### **Passive location** method

EJ Carlson - US Patent 4,976,619, 1990 - Google Patents

... previous coordinate lated munitions deployment on a target. position in the coordinate direction of the smallest error Position detectors may be used to find the **location** of metric. individuals or vehicles with respect to simulated muni ...

Cited by 12 - Related articles - All 2 versions

#### ... receiver capable of automatic station identification and format-scanning based on an internal database updatable over the airwaves with automatic receiver location ...

PR Schwab - US Patent 5,393,713, 1995 - Google Patents

... Page 17. US Patent Feb. 28, 1995 Sheet 16 of 23 5,393,713 FIG. 19. Access Database at First Station at **Location** 400 No 416 Matching Address in Update List? Yes 418 Retrieve Update Data No 402 Station Format\* Desired Format? Yes 404 410 Send Freq. ...

Cited by 31 - Related articles - All 2 versions

#### Apparatus for displaying current location

T Takahashi, A Iihoshi, Y Matsumoto... - US Patent ..., 1991 - Google Patents

... running distance and moving direction of the running body; 20 means for **calculating** a current ... therebe- tween is satisfied; and means for bringing the current **location** into line ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO. ...

Cited by 8 - Related articles - All 2 versions

#### GLS with secure routing in ad-hoc networks

V Srinivas, P Narayanasamy... - ... for Asia-Pacific ..., 2004 - ieeexplore.ieee.org

... Prior to deployment each node will **request** a **certificate** from a trusted server TS. The **certificate** consist of node identity and its public key. ... Nodes within the range decrypt N's **certificate** and obtain its public key. ... By this we can increase the speed of searching the **location** server. ...

Cited by 5 - Related articles

#### Method and apparatus for predicting address of a subsequent cache request upon analyzing address patterns stored in separate miss stack

CP Ryan - US Patent 5,093,777, 1992 - Google Patents

... PROCESSOR PLACE ADDRESS AT TOP OF MISSI STACK | EXAMINE MISS STACK FORA PATTERN MATCH FETC OPERAND FROM CACHE 1 AND SEND TO PROCESSOR | i | WAIT FOR NEXT ADDRESS **REQUEST** | CALCULATE PREDICTIVE ADDRESS FROM MISS ...

Cited by 36 - Related articles - All 2 versions

#### Broadcast receiver capable of automatically updating location and performing spiral searching

PR Schwab - US Patent 5,152,012, 1992 - Google Patents

... 14. AUTOMATIC RECEIVER **LOCATION** UPDATE USER SETS STARTING **LOCATION** 1401 1402 COMPUTE CURRENT LATITUDE ' READ COMPASS 1403 +/- LOCAL VARIATION 1404 READ ODOMETER 1405 ADD DISTANCE TO ONE OF DIRECTION REGISTERS 1406 ...

Cited by 27 - Related articles - All 2 versions

#### Method and apparatus for location determination of a cellular telephone

WP Alberth Jr... - US Patent 6,438,381, 2002 - Google Patents

... 4. The method of claim 3 further comprising **calculating** the geographic **location** of ... The method as in claim 18 wherein the position **location** signaling comprises satellite signals ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO ...

Cited by 11 - Related articles - All 4 versions

#### [PDF] LOCATION SERVICES AND LOCATION-BASED SERVICES

[PDF] from mikequentel.com

MJ Quentel... - Space, 2001 - mikequentel.com

... Compliance with FCC E-911 rules. • Frequency of position updates—based on **request** or constant tracking? ... permission to access the **location** information. The **location** data, which could be ... 2. The WAP server sends its server **certificate** (which includes its public key) to ...

Related articles - View as HTML

#### [PDF] A location-aware Revocation Approach

[PDF] from psu.edu

D Kulikowski, P Langendörfer, K Piotrowski... - GI Jahrestagung (2 ..., 2004 - Citeseer

... In case the client does not have a satisfying proof, the service has to **request** it from the revocation authority. ... Its main features are its ca- pability to integrate certificates from any **certificate** authority

and that its revocation tree is structured using **location** information. ...

[Related articles](#) - [View as HTML](#) - All 7 versions

### Changes in the **location** of death after passage of Medicare's prospective payment system

MA Sager, DV Easterling, DA Kindig... - New England Journal of..., 1989 - [nejm.org](#)

... Hospice deaths, when identified on the death **certificate**, were assigned to the hospital inpatient ... the other hand, hospital mortality rates evaluate deaths occurring in only one **location** and are ... of the PPS only if the denominator (Medicare discharges) used in **calculating** the rates ...

[Cited by 98](#) - [Related articles](#) - All 5 versions

### Fault **location** method for a parallel two-circuit transmission line with n terminals

K Murata, K Sonohara, S Ito, K Ishizuka... - US Patent 5,485,394, 1996 - [Google Patents](#)

... Faults of types (2)-(4) are referred to as multiple faults, the majority of which are of type (3). The present invention relates to faults of types (1) and (3). A variety of ground fault **location** have been proposed. ... The distance x can be determined by **calculating** the zero ...

[Cited by 8](#) - [Related articles](#) - All 2 versions

### Method and apparatus for the detection and **location** of faults and partial discharges in shielded cables

MS Mashikian, RB Northrop, R Bansal... - US Patent ..., 1993 - [Google Patents](#)

... 21,1993 [54] METHOD AND APPARATUS FOR THE DETECTION AND **LOCATION** OF FAULTS AND PARTIAL DISCHARGES IN SHIELDED CABLES [75] Inventors: Matthew S. Mashikian, Storrs; Robert B. Northrop, Chaplin; Rajeev Bansal, Willington; Francesco Palmieri ...

[Cited by 14](#) - [Related articles](#) - All 4 versions

### Node **location** by differential time measurements

RA Curtis - US Patent 5,247,464, 1993 - [Google Patents](#)

... Examiner—Matthew C. Pagan Attorney, Agent, or Firm—Fish & Richardson [57] ABSTRACT A system for determining the physical **location** of nodes on a ... The arrival times of the packets and the corresponding reply packets are then used to **calculate** the distance along the ...

[Cited by 16](#) - [Related articles](#) - All 2 versions

### Wireless **location** system

MT Fattouche, RW Klukas, AL Borsodi... - US Patent ..., 1999 - [Google Patents](#)

... be given in one of many formats: 5.1 Longitude and latitude; 5.2 Street address; 5.3 **Location** ...

Pursuit of Criminals: To allow law enforcement agencies to find and track wanted criminals who use ... It is clear therefore that there are many applications for a wireless **location** system. ...

[Cited by 127](#) - [Related articles](#) - All 5 versions

### Method and apparatus for providing precise **location** of points on the eye

S Lang... - US Patent 5,620,436, 1997 - [Google Patents](#)

... The focusing lens 40 focuses light such that when the eye 44 is at the optimal distance, the pulsed beam 22 is properly focused onto the eye 44. ... The optical system creates a laser spot on the cornea, and the spot size is adjustable, along with its **location**. ...

[Cited by 31](#) - [Related articles](#) - All 2 versions

### Object **location** apparatus

CJ Tsikos... - US Patent 5,013,927, 1991 - [Google Patents](#)

... and shadowed portions of said opposite side of said surface; and **calculating** the position ... of illuminating said object by means of a light source placed at said first **location**. 15. ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO ...

[Cited by 15](#) - [Related articles](#) - All 2 versions

### A secure web services for **location** based services in wireless networks

M Lee, J Kim, S Park, J Lee... - [NETWORKING](#) 2004, Networking ..., 2004 - Springer

... Initial secure **location** update Mobile Node Token **Request** with User's Private key RSA with SHA-1 ... LBS Broker SCVP(OCSP) **Request** Message - signature of LBS Broker's Private Key RSA with SHA-1 ... XKMS with PKI X.509 **Certificate** validation Validate user **certificate** 30.3 ms ...

[Cited by 17](#) - [Related articles](#) - All 2 versions

### Examination of the influence of fuzzy analytic hierarchy process in the development of an intelligent **location** selection support system of convenience store

SC Choi... - [IFSA World Congress and 20th NAFIPS](#) ..., 2002 - [ieeexplore.ieee.org](#)

... Finally, the results of our system **certificate** the capability of this system in both ... which extensively affect business performance of a specific store and also **calculate** the degree ... 2.4 **Location** Allocation Models Principally, these models are to resolve how to systematically allocate a ...

[Cited by 13](#) - [Related articles](#) - All 2 versions

### Method and apparatus for **location** of anomalous signal in a radial bearing

T Yoshioka... - US Patent 5,811,683, 1998 - [Google Patents](#)

... housing 12. The signal source **location** apparatus 1 also has an arithmetic unit 13 for **calculating** a position of contact between a ball 5 and inner ring 3 or outer ring 4 based on signals from the sensors 7, 8 and 11. The inner ...

[Cited by 3](#) - [Related articles](#) - All 2 versions

[Stalling predicted prefetch to memory \*\*location\*\* identified as uncachable using dummy stall instruction until branch speculation resolution](#)

AF Giew... - US Patent 6,035,393, 2000 - Google Patents

... inter- preted by IFU 119 as granting permission to fetch from the memory **location** pointed to ... fetch a new instruction based upon a new, corrected pointer from the branch address **calculator** (BAG) or ... In the former case, IFU 119 dispatches a **request** to external memory to fetch the ...

[Cited by 25 - Related articles - All 2 versions](#)

[Time transfer position \*\*location\*\* method and apparatus](#)

MR FIEGerald - US Patent 5,382,958, 1995 - Google Patents

... antenna 49 to both the RF trans- 12-16 is able to **calculate** its own ... to a plurality of relays, said message indicating that each relay is to transmit position **location** informa- tion ... UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE** OF CORRECTION PATENT NO. ...

[Cited by 24 - Related articles - All 2 versions](#)

[PKI design based on the use of on-line certification authorities](#)

J Lopez, A Mana, JA Montenegro... - International Journal of ... 2004 - Springer

... In both cases, the Internet domain name hi- erarchy is used to find the **location** where a ... the criteria of Secure-DNS because in this model CAs are established in the same **location** as name ... that the structure of data transmitted by a KSU in response to a **certificate request** has two ...

[Cited by 6 - Related articles - All 4 versions](#)

[Dual power security \*\*location\*\* system](#)

VP Berglund... - US Patent 5,896,313, 1997 - Google Patents

... However, the **request** for **location** signal may have been sent out twenty minutes prior to sending out ... If the vehicle is moving, then it may take another twenty minutes to find the next **location** ... In this system, the locator 10 is disposed at a specific **location** relative to the two receivers ...

[Cited by 30 - Related articles - All 2 versions](#)

[System and method for mobile telephone \*\*location\*\* measurement using a hybrid technique](#)

GP Yost... - US Patent 5,987,329, 1999 - Google Patents

... TDOA) **location** estimate of said mobile terminal based upon said timing information; **calculating**, within said central processing center, a timing advance (TA) **location** estimate of said mobile terminal based upon said timing information; and determining said position of said ...

[Cited by 32 - Related articles - All 4 versions](#)

[Correlation-Extremal Systems for Navigation and \*\*Location\*\* of Mobile Objects](#)

ON Strangu... - Automation and Remote Control, 2001 - Springer

... It deserves noting that cooperation in the form of joint research by **request** of the industry ... These experiments bear out high efficiency of the RS **location** in the EPL-system and ... 2. Tarasenko, VP and Biryulin, PP, Device for Monitoring Flight Vehicles, USSR Inventor's **Certificate** no. ...

[Cited by 1 - Related articles - All 1 Direct - All 6 versions](#)

[Computer aided feature selection for enhanced analogue system fault \*\*location\*\*](#)

KC Varghese, J Hywel Williams... - Pattern Recognition, 1978 - Elsevier

... J new set of M features, normalize end | make sparse JII **Calculate** the discriminatory ... Ca+ 10.31 Computer aided feature selection for enhanced analogue system fault **location** 279 Table 6 ... in Dowlais, South Wales in 1934 and obtained his Higher National **Certificate** in Electrical ...

[Cited by 25 - Related articles](#)

[A note on the nearest neighbor in growth-restricted metrics](#)

K Hildrum, J Kubiatowicz, S Ma... - Proceedings of the fifteenth ..., 2004 - portal.acm.org

... Our algorithm is based on ideas used by Plaxton, Rajaraman and Richa [6] for object **location** ... Let  $q_i$  be this "close enough" distance for level- $i$ . (We find the  $q_i$ 's via a guess-and- check method ... 2.1 A **Certificate** To analyze the the algorithm we introduce the notion of a **certificate** ...

[Cited by 34 - Related articles - All 22 versions](#)

[\[PDF\] from psu.edu](#)

[Geographical \*\*location\*\* system and method for locating radiotelephone engaged in a call](#)

SN Salinger... - US Patent 6,026,305, 2000 - Google Patents

... Such reflec- tions can cause the apparent path distance to a fixed cell site to differ from the straight-line distance between the ... measuring a phase difference, at each of the dual channel receivers to determine an interpath time delay, and **calculating** a probable **location** of the ...

[Cited by 13 - Related articles - All 2 versions](#)

[Method and system for determining the \*\*position\*\* of mobile radio terminals](#)

B Hagerman, S Mazur... - US Patent 5,952,969, 1999 - Google Patents

... When a handoff **request** is sent to the MSC, the MSC orders a specific base station ... In an Ericsson system, such a module is called a **Location** and Verification Module (LVM) under ... The second **calculating** unit 103/ calculates the position of mobile radio terminals using the TDOA ...

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